

★ Start of FAST Run ★

60 inch Telescope Log  
 Observer: P Berlin  
 PI: Mahdavi  
 Spectrograph: FAST  
 Grating: 300L, 3" slit  
 Date: 9/3/99  
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Number	Object	R. A.	Dec.	L/R	Exp	Comments
110	DARK				15m	a few clouds
1120	DARK				20m	fast foc = 1020
21-25	sky	zenith			2s	
26	WMP				5s	good ccd flow
27-36	BIDS				0s	negligible dark current
37-46	FLAT				7s	
47-56	BIDS				0s	
57-66	FLAT				14s	
67	N 5866	15:05	+55:57	57	4m	
68	COMP			↑		
69	NG 5382-118	16:10	+29:07	59	5m	
70	WMP			↑		fr. tr.
71	.120	16:10	+29:56	59	4m	
72	COMP			↑		
73	.123	16:11	+29:31	59	3m	
74	COMP			↑		
75	.124	16:11	+29:53	59	3m	
76	COMP			↑		
77	.125	16:11	+29:52	59	10m	em gal to W also w/cm
78	COMP			↑		
79	.128	16:11	+29:21	59	3m	
80	WMP			↑		
81	.129	16:11	+29:47	59	7m	* to E
82	WMP			↑		
83	130	16:11	+29:26	59	4m	
84	COMP			↑		
85	137	16:11	+29:43	59	5m	
86	COMP			↑		clearing nicely!
87	140	16:11	+29:51	59	10m	
88	WMP			↑		

60 inch Telescope Log

Observer: PB

PI: Mahdavih Bayer

Spectrograph: FAST

Grating: 300R

Date: 9/3/99

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
89	NGC 5382-136	16:11	+29:44	S9	4m	SE gal
90	COMP			↑		
91	.135	16:11	+29:44	S9	4m	NW gal
92	COMP			↑		
93	.133	16:11	+29:36	S9	4m	
94	COMP			↑		
95	.141	16:11	+29:10	S9	3m	
96	COMP			↑		
97	.142	16:11	+29:49	S9	3m	
98	COMP			↑		
99	.146	16:11	+29:50	S9	2m	
100	COMP			↑		
101	.144	16:11	+29:27	S9	5m	
102	COMP			↑		
103	.145	16:11	+29:09	S9	7m	
104	COMP			↑		
105	.148	16:12	+29:33	S9	5m	
106	COMP			↑		
107	.149	16:12	+29:53	S9	5m	
108	COMP			↑		
109	.150	16:12	+29:58	S9	4m	
110	COMP			↑		
111	.151	16:12	+29:51	S9	4m	
112	COMP			↑		
113-115	HD192281	20:10	+40	S6	S5	PA=90
116	COMP			↑		
117-8	Cygn OB2n-9	20:31	+41:01	S6	20,40s	
119	COMP			↑		
120-1	NO 0025	22:07	+31:21	111	30,5m	
122	COMP			↑		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>7500</u>
Observer: <u>PB</u>				Grating: <u>300L</u>		
PI: <u>Bouger</u>				Date: <u>9/3/99</u>		
Number	Object	R. A.	Dec.	L/R	Exp	Comments
123	Z012453	21:58	+07:22	111	10m	
124	COMP			↑		delay to fix dec drive
125	Z009093	22:32	+08:12	111	12m	
126	COMP			↑		
127	Z000623	23:04	+12:19	111	15m	
128	COMP			↑		
129	Z009050	23:09	+10:45	111	15m	
130	COMP			↑		
131	Z005674	23:18	-01:03	111	2m, 10m	
132	COMP			↑		
133	Z012624B	23:38	+21:01	111	6m	'B' is brighter southern gal
134	COMP			↑		
135	Z012624A	23:38	+27:02	111	10m	'A' is fainter N gal
136	COMP			↑		extra gal in slit to E
137	Z012624C	23:38	+21:01	111	10m	
138	COMP			↑		
139	Z014509	23:43	+02:44	111	10m	
140	COMP			↑		
141	Z014656	23:51	+08:49	111	10m	
142	COMP			↑		
143	Z004965	01:31	+17:33	111	5m	
144	COMP			↑		
145	Z004965B	01:31	+17:34	111	10m	'Fainter comp to NW'
146	COMP			↑		
147	Z004966	01:32	+21:24	111	12m	
148	COMP			↑		
149	Z009210	01:44	+21:52	111	12m	
150	COMP			↑		
151	Z014601	01:51	+02:17	111	10m	
152	COMP			↑		
153	Z014601	01:51	+02:17	111	10m	
154	COMP			↑		

60 inch Telescope Log

Observer: PB

Spectrograph: FAST

Grating: 3002

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PI: Rines

Date: 9/3/99

Number	Object	R. A.	Dec.	L/R	Exp	Comments
155	all9_011	01:01	-01:51	69	4m	
156	WMP			↑		
159	003	00:48	-01:33	69	90s	
160	WMP			↑		
161	006	00:40	-01:38	64	8m	
162	WMP			↑		
163	008	00:53	-03:27	69	8m	
164	WMP			↑		
165	005	00:51	+01:22	69	4m	
166	WMP			↑		
167	002	01:09	-01:41	69	2m	
168	WMP			↑		
169	004	01:07	+10:55	69	90s	
170	WMP			↑		
171	007	01:00	-01:56	69	6m	
172	WMP			↑		
173	010	01:04	-01:36	69	3m	
174	WMP			↑		
175	009	00:53	+00:58	69	4m	
176	WMP			↑		
177	012	00:41	-01:44	69	3m	
178	WMP			↑		
179	014	00:45	-03:41	69	11m	
180	WMP			↑		
181	013	01:03	-02:15	69	6m	
182	WMP			↑		
183	015	00:57	-02:46	69	9m	
184	WMP			↑		

179 - double nucleus - could not separate well (emission)

